Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1456055

Luminaire Tested: GLAN-SB4A-830-U-T2LG

Issue Date: 05/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1456055
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-830-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15622 lumens
Efficiency:	N/A
Efficacy:	137.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1456055
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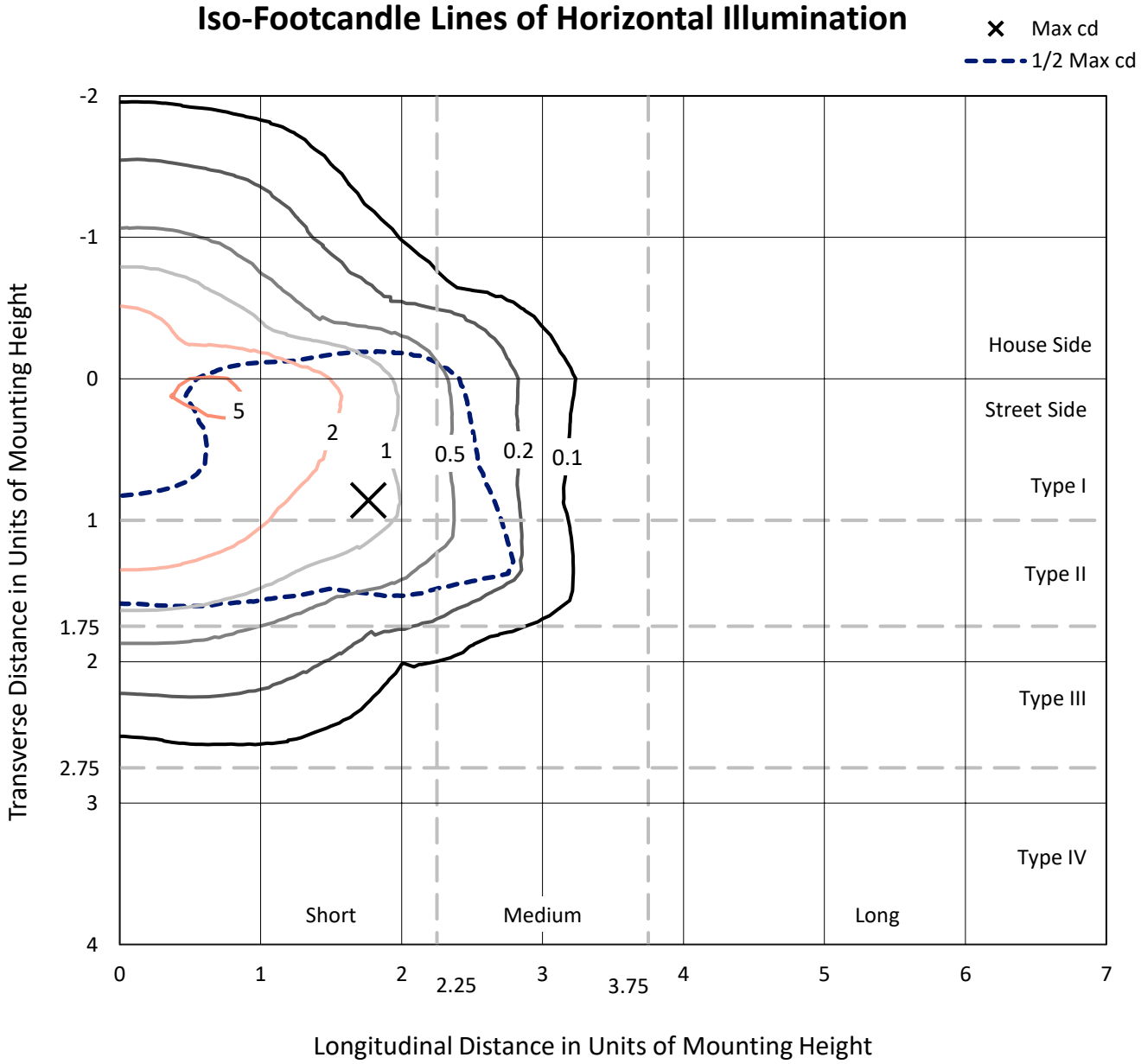
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 5.9 fc
Type II - Short - N/A

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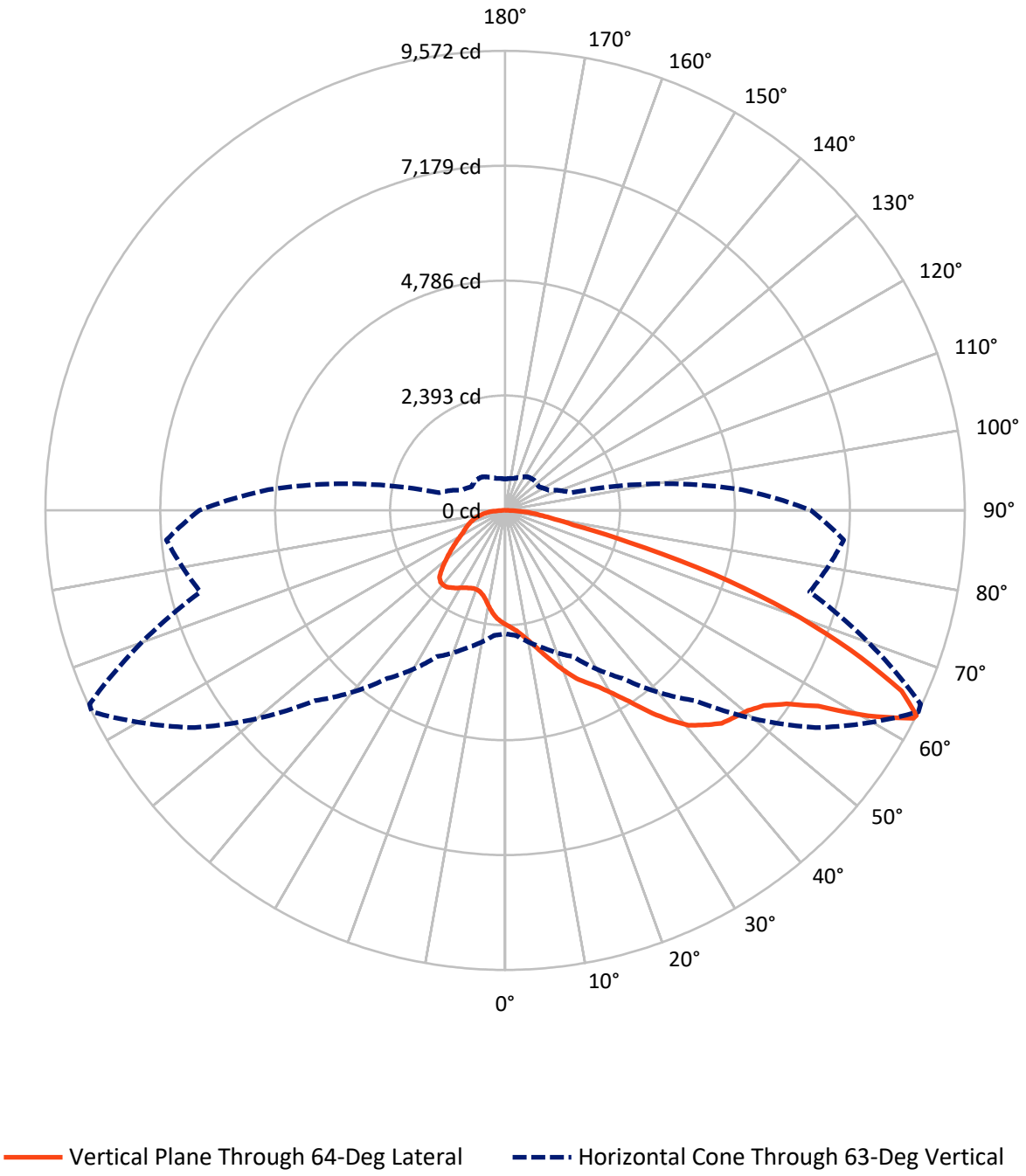
Luminous Intensity Polar Plot



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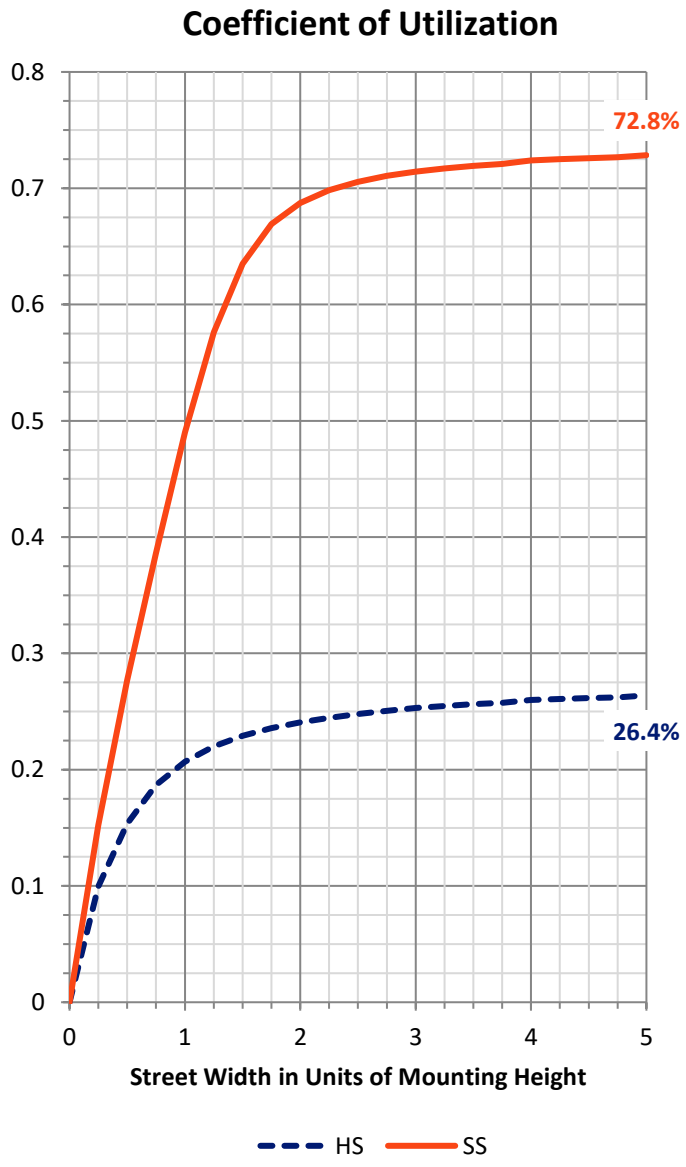
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4197.2	0.0	4197.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	11424.8	0.0	11424.8
	% Fixture	73.1	0.0	73.1
Total	Lumens	15622.0	0.0	15622.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	218.4	1.4
10°-20°	672.4	4.3
20°-30°	1229.7	7.9
30°-40°	2115.2	13.5
40°-50°	3119.4	20.0
50°-60°	3738.8	23.9
60°-70°	3000.7	19.2
70°-80°	1205.8	7.7
80°-90°	321.5	2.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	15622.0	100.0
0°-180°	15622.0	100.0



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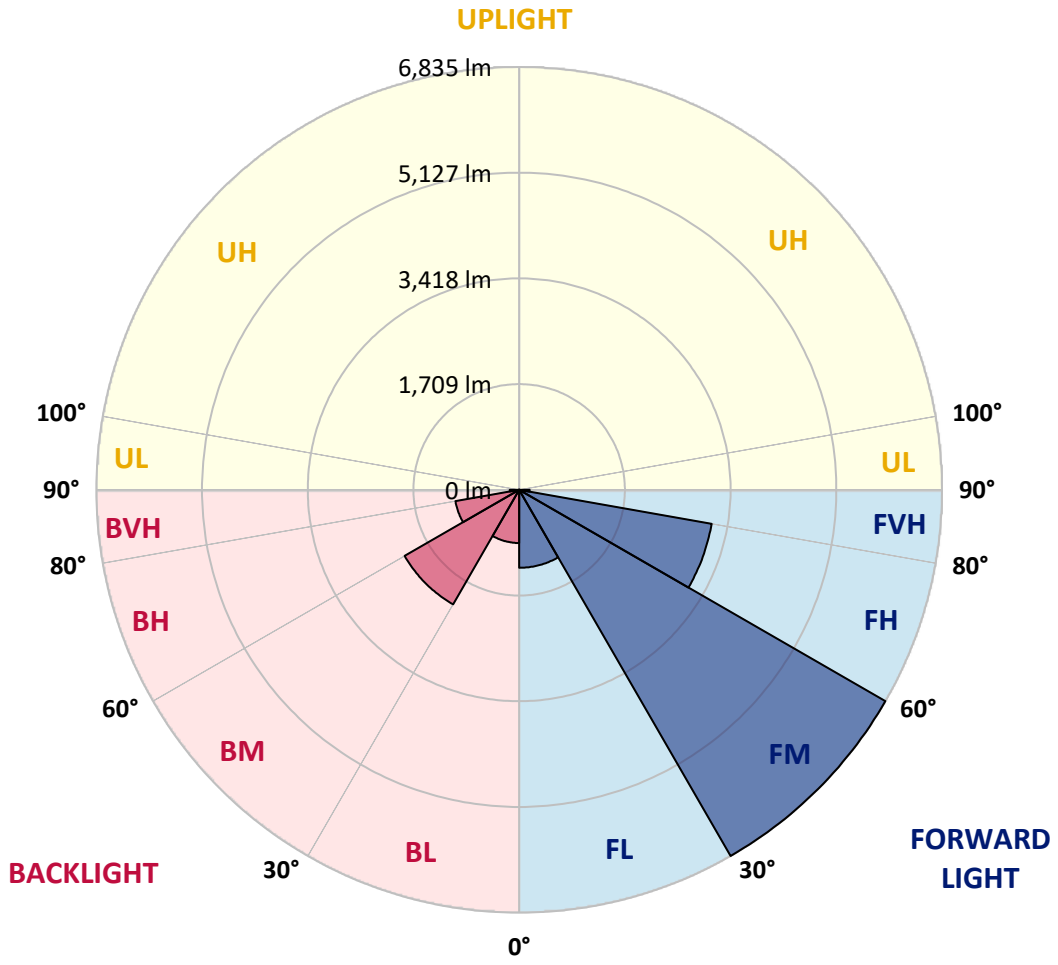
REPORT NUMBER: P1456055
CATALOG NUMBER: GLAN-SB4A-830-U-T2LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1260.4	8.1			
FM	(30°-60°)	6835.5	43.8			
FH	(60°-80°)	3160.0	20.2			G2/5000
FVH	(80°-90°)	168.9	1.1			G2/225
BL	(0°-30°)	860.2	5.5	B2/1000		
BM	(30°-60°)	2138.0	13.7	B2/2500		
BH	(60°-80°)	1046.5	6.7	B3/2500		G3/2500
BVH	(80°-90°)	152.6	1.0			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Short



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REPORT NUMBER: P1456055
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	2379.1	2379.1	2379.1	2379.1	2379.1	2379.1	2379.1	2379.1	2379.1	2379.1	2379.1
2.5°	2477.3	2480.8	2470.3	2466.8	2473.8	2459.8	2456.3	2442.2	2435.2	2421.2	2403.6
5°	2547.5	2551.0	2544.0	2544.0	2551.0	2540.5	2537.0	2522.9	2515.9	2501.9	2466.8
7.5°	2544.0	2547.5	2554.5	2582.6	2617.7	2631.7	2642.2	2631.7	2628.2	2607.1	2572.0
10°	2487.8	2491.3	2508.9	2551.0	2638.7	2701.9	2768.5	2768.5	2775.6	2758.0	2694.9
12.5°	2410.6	2414.1	2456.3	2522.9	2638.7	2747.5	2884.3	2940.5	2937.0	2926.4	2852.8
15°	2224.7	2224.7	2287.8	2414.1	2600.1	2779.1	2982.6	3133.5	3137.0	3147.5	3059.8
17.5°	2066.8	2070.3	2122.9	2235.2	2477.3	2761.5	3087.9	3347.5	3358.0	3417.7	3291.4
20°	2080.8	2080.8	2098.3	2147.5	2344.0	2691.3	3147.5	3575.6	3610.7	3751.0	3593.1
22.5°	2189.6	2189.6	2203.6	2200.1	2319.4	2645.7	3186.1	3803.7	3866.8	4158.1	3954.6
25°	2389.6	2386.1	2372.0	2351.0	2421.2	2694.9	3273.8	3979.1	4101.9	4607.2	4372.1
27.5°	2635.2	2628.2	2607.1	2572.0	2621.2	2842.2	3424.7	4165.1	4298.4	5098.5	4814.3
30°	2940.5	2919.4	2898.4	2852.8	2905.4	3084.3	3649.3	4428.3	4554.6	5656.4	5347.6
32.5°	3301.9	3326.5	3256.3	3193.1	3249.3	3414.2	3982.6	4740.6	4877.4	6238.9	5902.0
35°	3842.3	3916.0	3894.9	3575.6	3628.2	3810.7	4372.1	5144.1	5266.9	6768.7	6470.5
37.5°	4375.6	4358.1	4375.6	4109.0	4024.7	4245.8	4789.7	5530.1	5649.4	7200.3	6972.2
40°	4803.7	4856.4	4856.4	4638.8	4530.0	4677.4	5168.7	5884.5	6000.3	7438.9	7333.7
42.5°	5270.4	5277.4	5263.4	5073.9	5031.8	5070.4	5502.0	6109.0	6203.8	7561.7	7579.3
45°	5796.8	5793.2	5733.6	5575.7	5512.5	5477.4	5709.0	6326.6	6421.3	7617.9	7712.6
47.5°	6231.9	6249.4	6252.9	6084.5	5979.2	5828.3	5888.0	6435.4	6544.2	7554.7	7740.7
50°	6256.4	6284.5	6417.8	6467.0	6445.9	6203.8	6052.9	6551.2	6659.9	7568.8	7842.5
52.5°	6102.0	6130.1	6302.0	6505.6	6751.2	6635.4	6312.6	6751.2	6863.5	7705.6	8074.0
55°	5688.0	5733.6	5989.7	6274.0	6712.6	6877.5	6772.2	7112.6	7217.9	7814.4	8344.2
57.5°	4951.1	5007.2	5361.6	5814.3	6414.3	6821.4	7438.9	7691.6	7779.3	7891.6	8347.7
60°	3701.9	3747.5	4301.9	4912.5	5814.3	6470.5	7835.4	8684.6	8733.7	7474.0	7874.0
62.5°	2726.4	2772.1	3144.0	3582.6	4568.6	5824.8	7912.6	9544.3	9551.3	6719.6	7221.4
63°	2568.5	2614.2	2951.0	3361.6	4273.9	5607.3	7888.1	9572.4	9547.8	6565.2	7077.5
65°	2000.1	2080.8	2431.7	2744.0	3203.7	4463.4	7572.3	9074.1	9109.2	6109.0	6354.7
67.5°	1361.5	1421.1	1866.8	2228.2	2421.2	2842.2	6210.8	7765.3	7821.4	5635.3	5070.4
70°	1052.7	1080.8	1340.4	1765.0	1958.0	1807.1	4049.3	6252.9	6252.9	4400.2	3593.1
72.5°	824.6	835.1	1010.6	1379.0	1575.5	1389.5	2256.2	4547.6	4379.1	2610.6	2396.6
75°	589.5	603.5	761.4	1028.1	1256.2	1094.8	1442.2	2649.2	2547.5	1501.8	1600.1
77.5°	466.7	473.7	568.4	757.9	1017.6	835.1	1098.3	1445.7	1431.6	1056.2	1028.1
80°	368.4	382.5	445.6	543.9	786.0	652.7	817.6	954.4	926.4	726.3	659.7
82.5°	263.2	287.7	343.9	414.1	582.5	466.7	536.9	673.7	673.7	547.4	435.1
85°	161.4	182.5	203.5	256.2	414.1	301.8	284.2	435.1	445.6	410.5	280.7
87.5°	77.2	84.2	98.3	108.8	150.9	136.8	112.3	164.9	168.4	182.5	115.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

REPORT NUMBER: P1456055
CATALOG NUMBER: GLAN-SB4A-830-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2379.1	2379.1	2379.1	2379.1	2379.1	2379.1	2379.1	2379.1	2379.1	2379.1	2379.1
2.5°	2400.1	2393.1	2358.0	2322.9	2284.3	2249.2	2214.1	2186.1	2154.5	2161.5	2165.0
5°	2445.7	2428.2	2351.0	2259.8	2140.4	2028.2	1919.4	1842.2	1793.1	1779.0	1751.0
7.5°	2544.0	2501.9	2361.5	2168.5	1947.5	1772.0	1670.3	1624.6	1610.6	1614.1	1607.1
10°	2656.3	2593.1	2375.5	2059.7	1779.0	1659.7	1645.7	1673.8	1687.8	1701.8	1705.3
12.5°	2803.6	2701.9	2368.5	1940.4	1698.3	1677.3	1729.9	1782.5	1814.1	1835.2	1831.7
15°	2975.6	2838.7	2347.5	1842.2	1687.8	1743.9	1810.6	1870.3	1908.9	1929.9	1919.4
17.5°	3182.6	3000.1	2322.9	1779.0	1719.4	1786.0	1856.2	1915.9	1958.0	1972.0	1961.5
20°	3438.8	3182.6	2280.8	1751.0	1743.9	1803.6	1866.8	1922.9	1958.0	1972.0	1958.0
22.5°	3740.5	3400.2	2245.7	1751.0	1754.5	1803.6	1849.2	1891.3	1922.9	1933.4	1915.9
25°	4126.5	3652.8	2231.7	1779.0	1758.0	1786.0	1810.6	1835.2	1852.7	1859.7	1852.7
27.5°	4519.5	3944.0	2238.7	1814.1	1754.5	1761.5	1761.5	1765.0	1768.5	1772.0	1768.5
30°	4972.2	4238.8	2266.8	1859.7	1761.5	1726.4	1715.9	1694.8	1677.3	1663.2	1649.2
32.5°	5410.8	4519.5	2315.9	1926.4	1754.5	1687.8	1666.7	1614.1	1565.0	1522.9	1522.9
35°	5884.5	4810.7	2403.6	1975.5	1747.4	1652.7	1593.1	1533.4	1480.8	1421.1	1421.1
37.5°	6291.5	5059.9	2473.8	2031.7	1740.4	1610.6	1515.9	1449.2	1393.0	1333.4	1326.4
40°	6575.7	5203.7	2515.9	2052.7	1715.9	1554.5	1442.2	1358.0	1277.3	1196.5	1193.0
42.5°	6712.6	5196.7	2491.3	2045.7	1670.3	1484.3	1379.0	1266.7	1157.9	1084.3	1077.2
45°	6786.3	5151.1	2396.6	1986.1	1596.6	1410.6	1298.3	1179.0	1070.2	1003.6	989.5
47.5°	6772.2	5038.8	2266.8	1838.7	1498.3	1329.9	1217.6	1094.8	1007.1	968.5	968.5
50°	6810.8	4951.1	2119.4	1670.3	1365.0	1235.1	1143.9	1031.6	979.0	929.9	912.3
52.5°	6982.8	5024.8	1993.1	1512.3	1238.7	1143.9	1080.8	986.0	919.3	887.8	877.2
55°	7210.8	5182.7	1873.8	1372.0	1115.8	1063.2	1031.6	943.9	866.7	835.1	817.6
57.5°	7253.0	5291.5	1758.0	1235.1	1014.1	1000.0	989.5	870.2	807.1	782.5	768.5
60°	6961.7	5210.8	1607.1	1112.3	933.4	940.4	912.3	824.6	750.9	726.3	712.3
62.5°	6467.0	5000.2	1456.2	1007.1	870.2	884.3	856.2	768.5	694.8	670.2	663.2
63°	*6368.7*	*4944.1*	*1421.1*	*996.5*	*856.2*	*873.7*	*849.2*	*761.4*	*687.8*	*663.2*	*652.7*
65°	5782.7	4607.2	1298.3	940.4	810.6	810.6	814.1	726.3	663.2	652.7	645.6
67.5°	4716.0	3845.8	1165.0	873.7	761.4	772.0	789.5	740.4	715.8	708.8	701.8
70°	3565.1	2894.9	1049.2	810.6	708.8	743.9	863.2	842.1	750.9	687.8	673.7
72.5°	2526.4	1972.0	947.4	747.4	645.6	733.4	894.8	803.5	677.2	603.5	589.5
75°	1691.3	1270.2	845.7	680.7	575.5	677.2	845.7	733.4	589.5	572.0	550.9
77.5°	1063.2	905.3	743.9	603.5	498.3	603.5	768.5	652.7	508.8	515.8	484.2
80°	649.2	645.6	624.6	512.3	400.0	480.7	645.6	550.9	407.0	407.0	361.4
82.5°	386.0	466.7	529.8	424.6	291.2	343.9	466.7	414.1	340.4	329.8	308.8
85°	259.7	315.8	421.1	326.3	186.0	210.5	322.8	347.4	312.3	273.7	256.2
87.5°	94.7	126.3	193.0	133.3	80.7	126.3	242.1	252.6	189.5	147.4	133.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

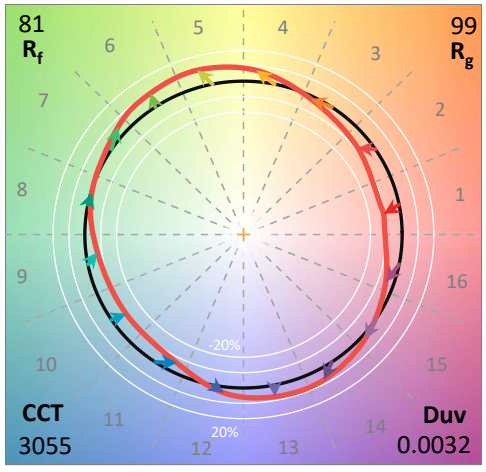
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

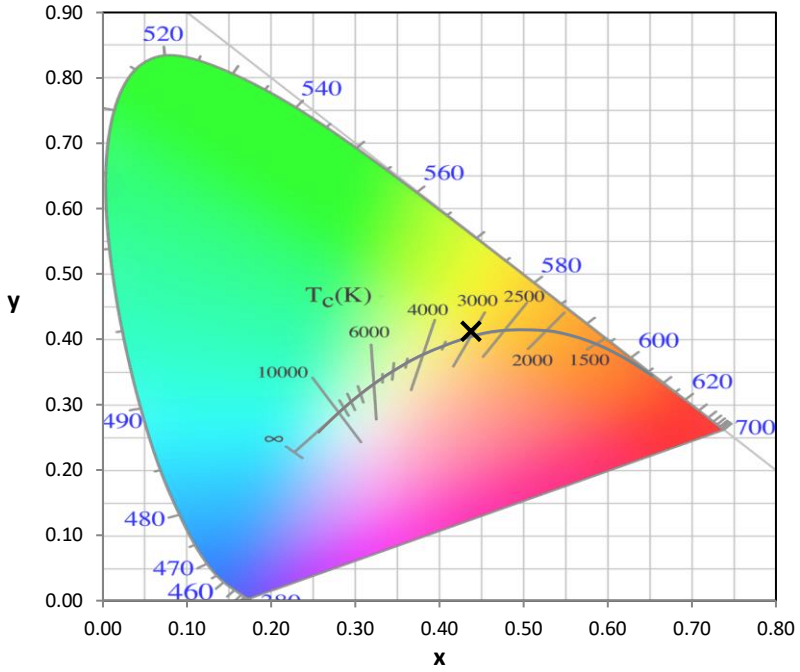
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

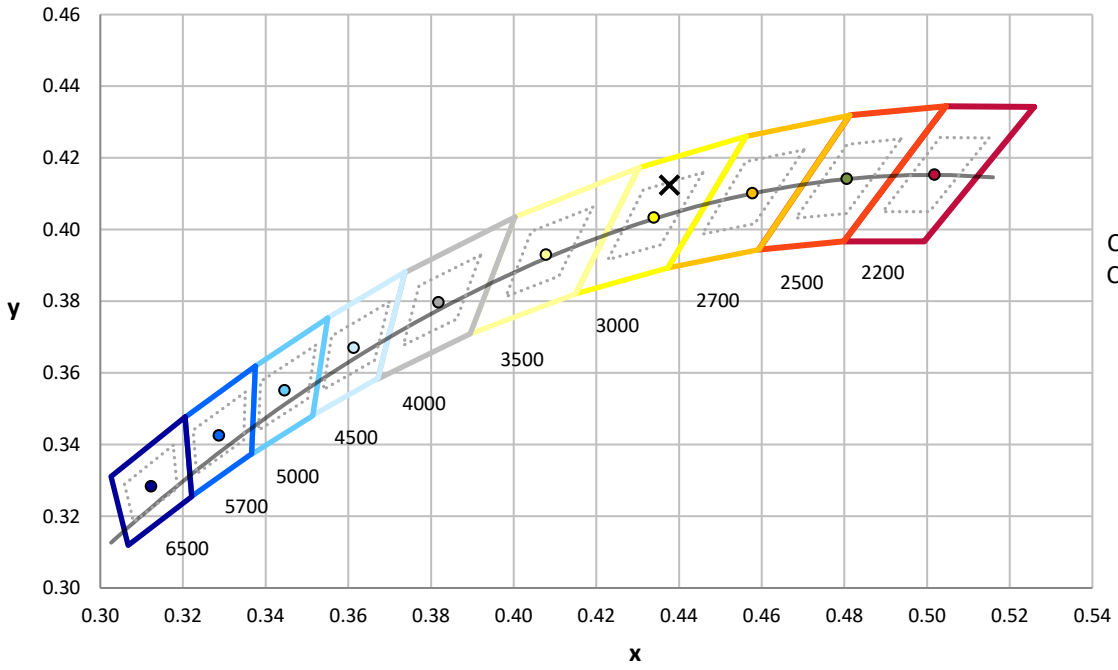
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

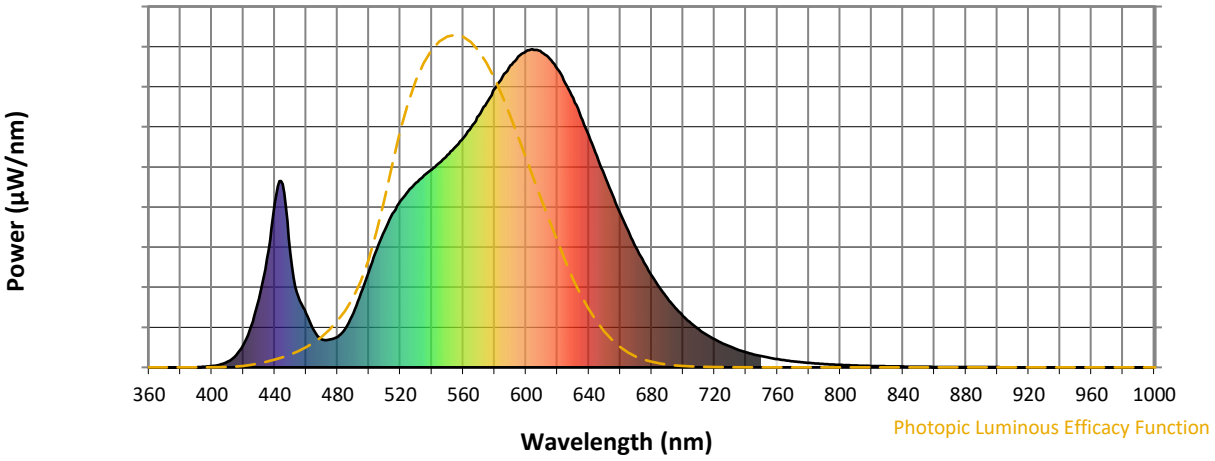


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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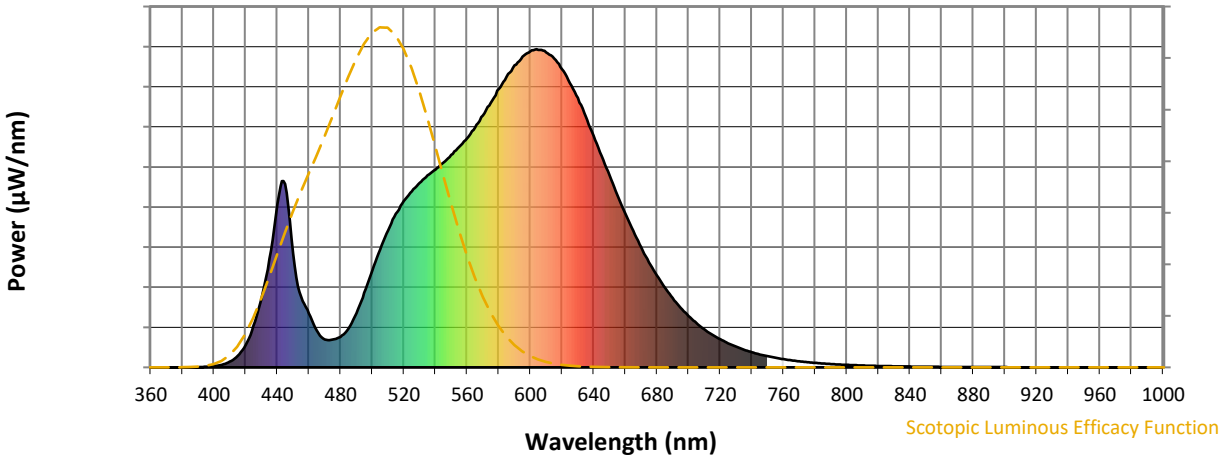
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.28**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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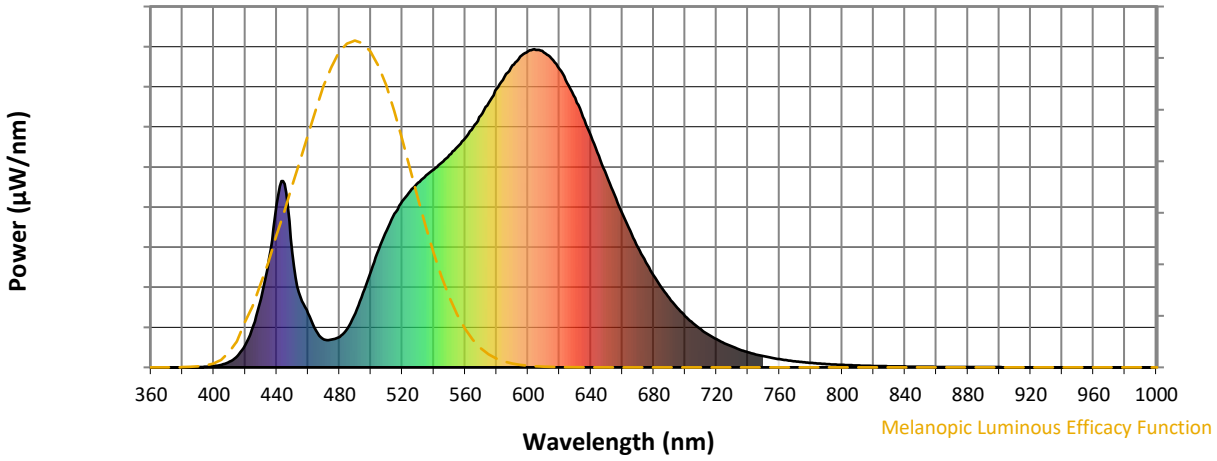
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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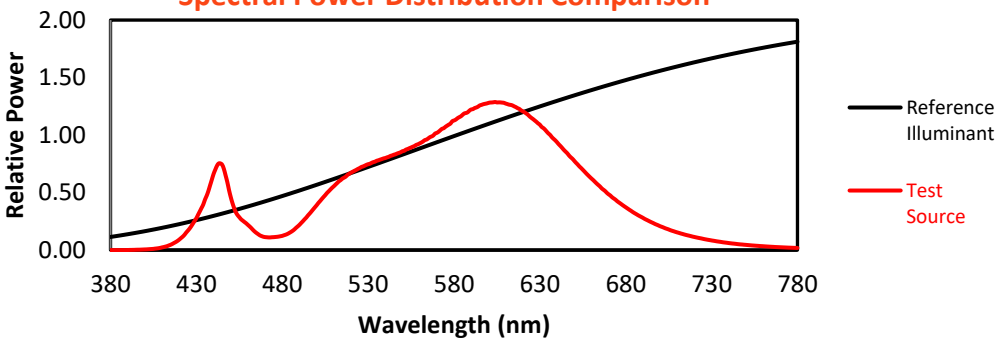
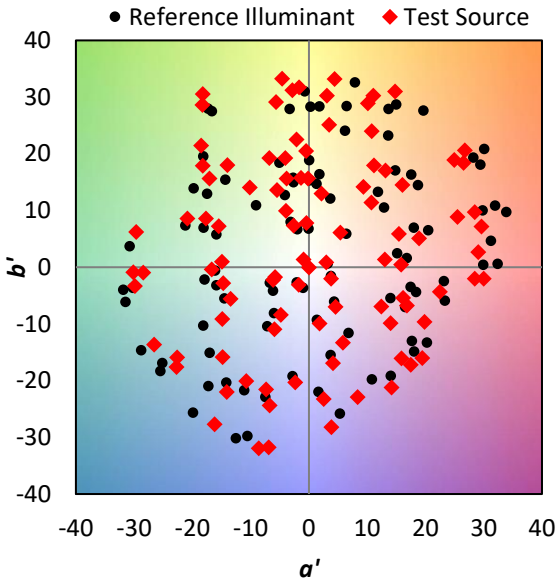
Summary

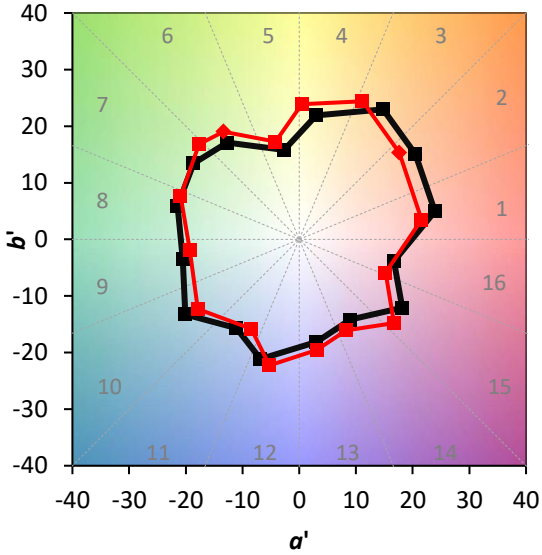
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

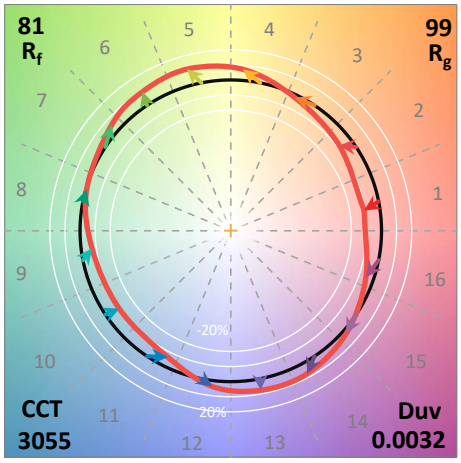
Spectral Power Distribution Comparison

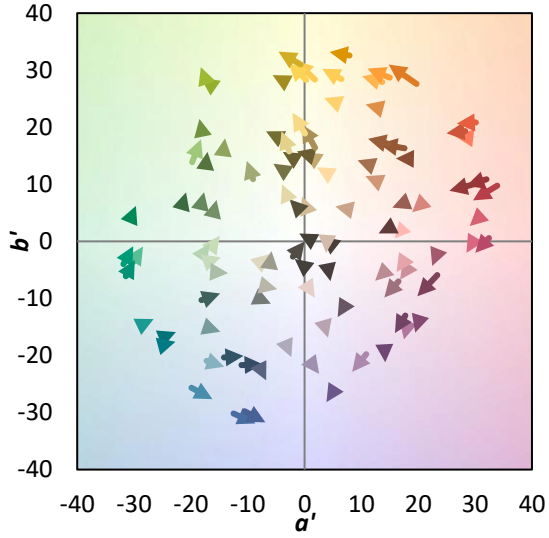


Color Vector Graphics









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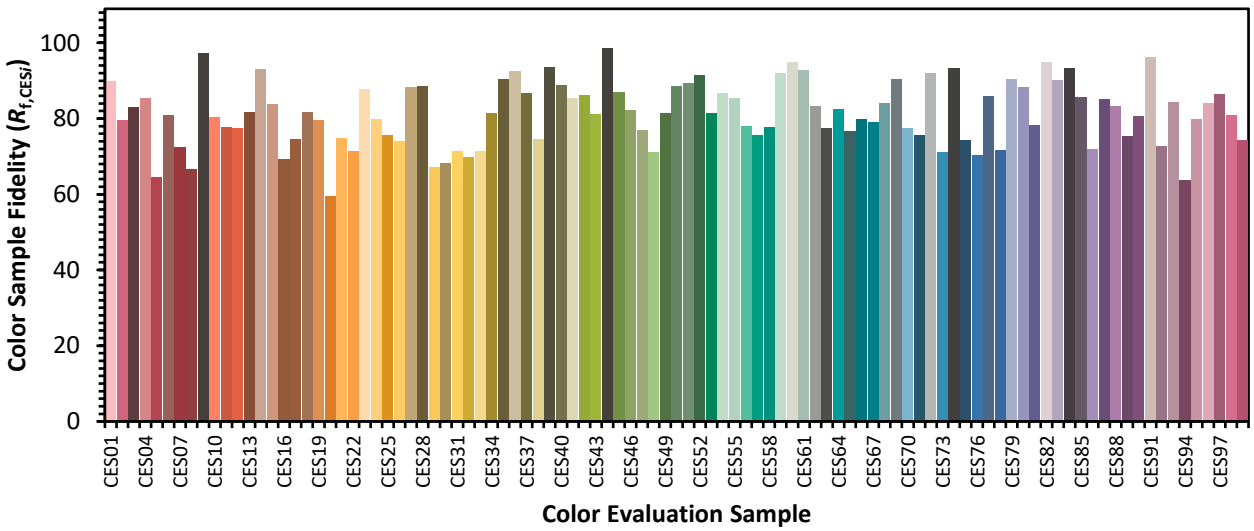
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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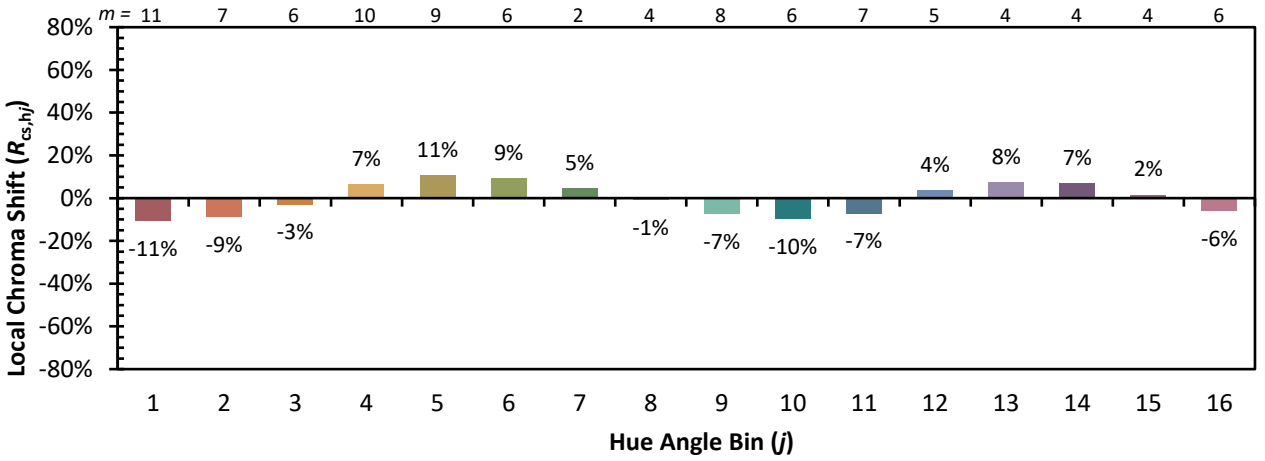
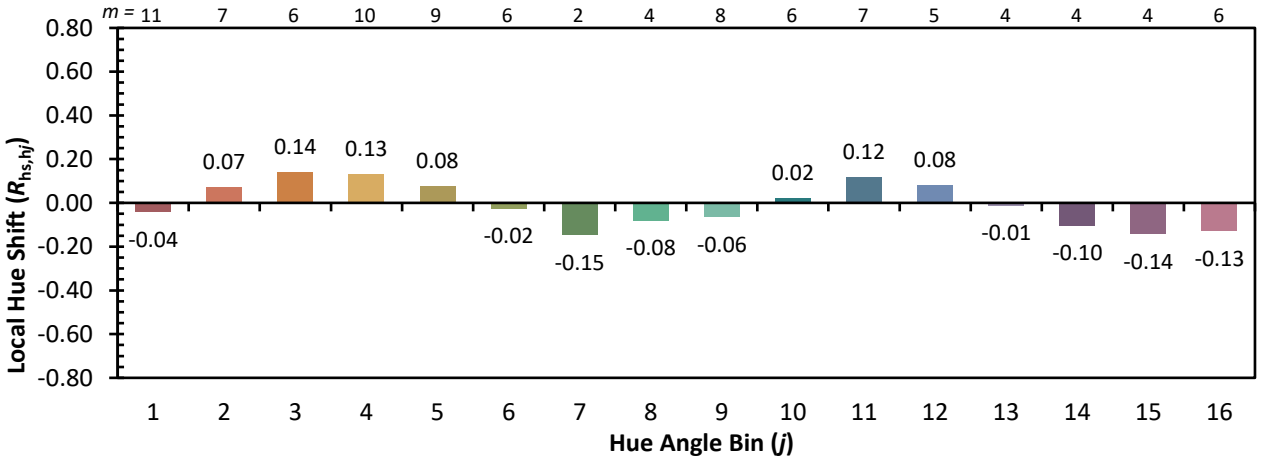
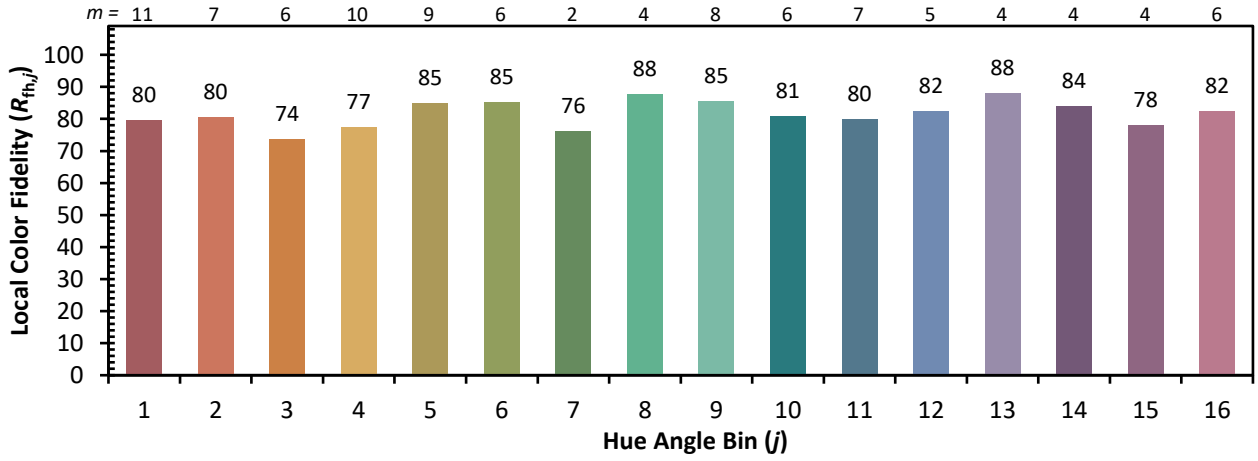
Color Rendition by Hue-Angle Bin







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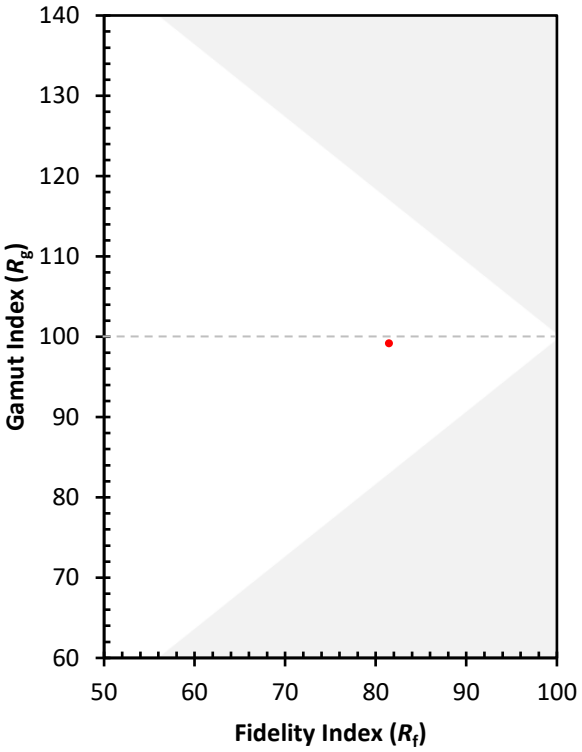
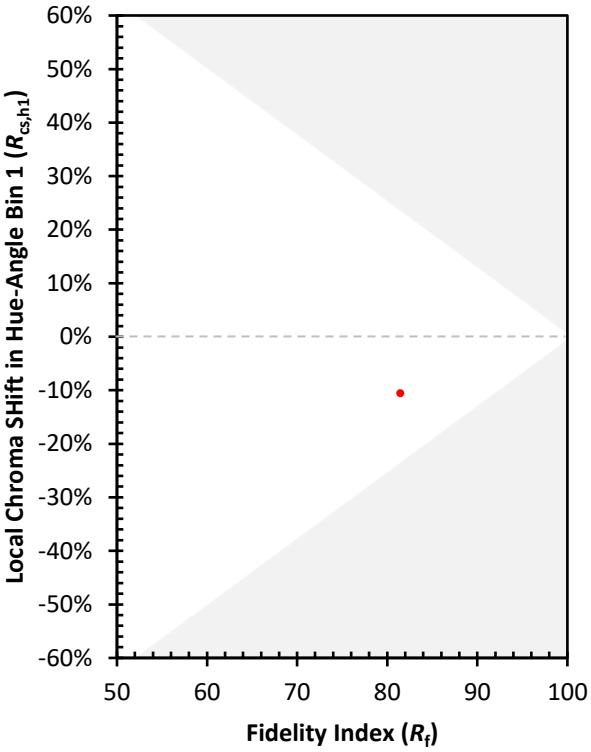
Measure Comparisons





(END OF REPORT)